

What is claimed is:

1 A facsimile communications method comprising the steps of:

5 storing, when initial facsimile transmission is performed to an opposite party of which a number is registered corresponding to abbreviated dialing, a partial step of a pre-communication procedure in correspondence with the registered number; and  
10 reading out a stored content in the second or later communications to the recorded number and then allocating said content to said partial step, thus shortening a required communication time period.

15 2 The method defined in Claim 1, wherein said partial step comprises a V.8 sequence in an initial identification phase.

20 3 The method defined in Claim 1, wherein said partial step comprises a line probing sequence.

4 The method defined in Claim 1, wherein said partial step comprises an equalizer training sequence.

25 5 A facsimile communications method comprising the steps

of:

storing, when initial facsimile transmission is  
performed to an opposite party of which a number is  
registered corresponding to one-touch dialing, a  
5 partial step of a pre-communication procedure in  
correspondence with the registered number; and  
reading out a stored content in the second or later  
communications to the recorded number and then  
allocating said content to said partial step, thus  
10 shortening a required communication time period.

6 The method defined in Claim 5, wherein said partial  
step comprises a V.8 sequence in an initial identification  
phase.

7 The method defined in Claim 5, wherein said partial  
step comprises a line probing sequence.

8 The method defined in Claim 5, wherein said partial  
20 step comprises an equalizer training sequence.

9 A facsimile machine comprising:  
a modem for modulating and demodulating in  
communications;  
25 an analog circuit for adjusting a modulated/demodulated

signal to a signal level suitable for  
transmission/reception;  
a tone signal detection circuit for detecting a tone  
signal which cuts a procedure;  
5 a trigger signal creation circuit for creating a tone  
signal which cuts a procedure;  
a symbol rate decision circuit for deciding a symbol  
rate suitable for communications in transmission and  
deciding a symbol rate to be communicated based on a  
10 signal type detected by said tone signal detection  
circuit in reception;  
a data rate decision circuit for deciding whether or  
not at what data rate communications is conducted;  
a communication controller for comprehensively  
15 controlling communications;  
a memory for storing abbreviated dial information and  
required information in correspondence with said  
abbreviated dial information; and  
a network controller acting as an interface to a line.

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10 The facsimile machine defined in Claim 9, wherein said  
memory comprises a memory for storing one-touch dial  
number information and required information in  
correspondence with said one-touch dial number information.

11 The facsimile machine defined in Claim 9, wherein a required item to be stored in said memory is a symbol rate in a previous communication time to an opposite party specified by said number information.

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12 The facsimile machine defined in Claim 9, wherein a required item to be stored in said memory is a data rate to an opposite party specified by said number information.

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13 The facsimile machine defined in Claim 9, wherein a required item to be stored in said memory is a device state of an opposite party specified by said number information.

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